CLAIMS

1. (Previously Presented) A heart prosthesis/artificial heart comprising a series of drawing and pressing means and intended to be implanted in a patient to replace the pumping activity of a heart, whereby comprises at least tow compartments, substantially surrounded by rigid-wall provided house containing a number of drawing and/or pressing devices wherein it comprises two halves, comprising an atrium, and ventricles respectively, separated with a valve provided plate which plate is arranged to be able to be moved between the ventricles and the atriums by means of drawing and/or pressing devices arranged in said rigid wall provided house.

2. (Previously Presented) A heart prosthesis according to claim 1, wherein it comprises four compartments.

3. (Previously Presented) A heart prosthesis according to claim 1, wherein the drawing and/or pressing devices are drawing and pressing electromechanical devices, respectively, including electro-magnets.

4. (Previously Presented) A heart prosthesis according to claim 1, wherein said plate is arranged to be moved by means of electro-magnets or a hydraulic device arranged in said wall.

5. (Previously Presented) A heart prosthesis according to claim 1, wherein the drawing and/or pressing devices are drawing, and pressing, respectively, hydraulically activated pistons.

6. (Previously Presented) A heart prosthesis according to claim 1, wherein it is arranged

to be controlled digitally via a soft-ware present in a circuit board in a diastole, atrium systole, and systole phase, respectively.

7. (Previously Presented) A heart prosthesis according to claim 1, wherein it is supplied with energy from one or more DC batteries.